

Fig. 1A

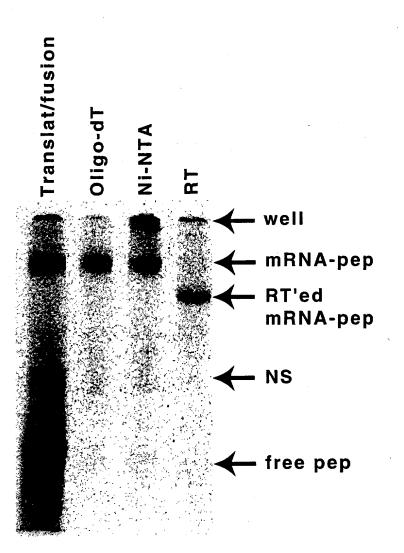
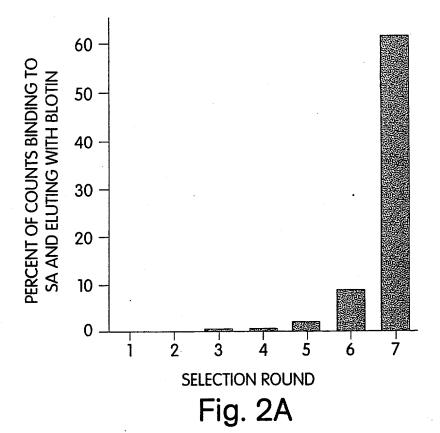
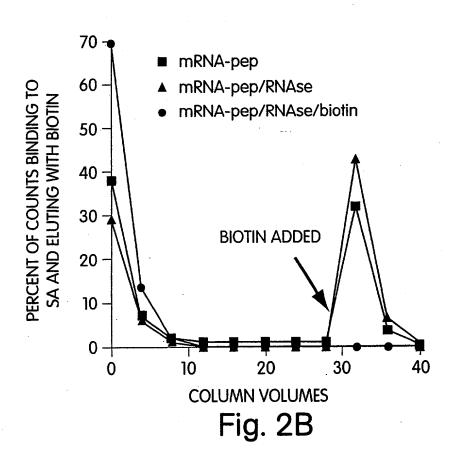


Fig. 1B





IOOC4321 C4ISOE

Fig. 3

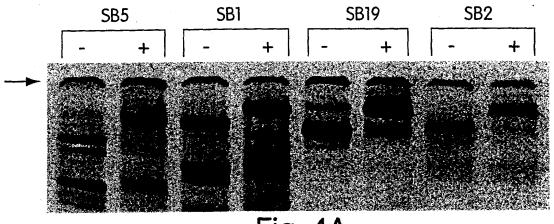


Fig. 4A

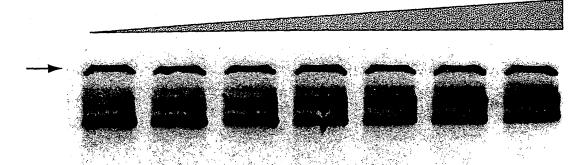
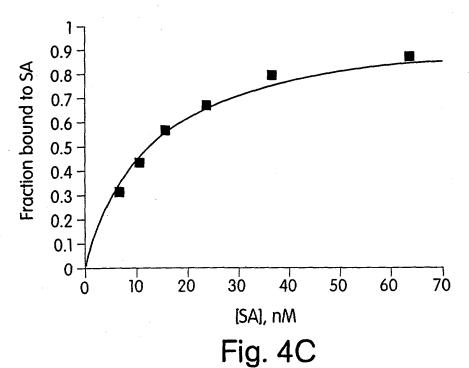


Fig. 4B



		TOT ARK BUIDUIG &	ng ori	ר חד א
I MDEKTIGWE	FL MDEKTTGWRGGHVVEGLAGELEOLRARLEH HPO GOREPLVQEVEDVDEGLVQDLHGVVAGLLDPVEKLLTDWFKKFKNVSKDCKMTFYLEMYDWSGGCKLG 85	WSGGCKLG 85		21
1 MDEKTIGWR	1 MDEKTTGWRGGHVVEGLAGELEOLRARLEH HPO GQREPLVQEVEDVDEGLVQDLHGVVAGLLDPVEKLLTDWFKKFKNVS	IMSGGCKLG 87	•	22
22 MDEKTTGWR	ADEKTTGWRGGHVVEGLAGELEQLRARLEH HPQ GQREPLVQEVEDVDEGLVQDLHGVVAGLLDPVE	IMSGGCKLG 88		23
3 MDEKTTGWR	ADEKTTGWRGGHVVEGLAGELEQLRARLEH HPQ GQREPLVQEVEDVDEGLVQ	MSGGCKLG 89		24
34 MDEKTTGWR	MDEKTTGWRGGHVVEGLAGELEQLRARLEH HPQ GQREP	MSGGCKLG 88		25
41 MDEKTTGWR	41 MDEKTTGWRGGHVVEGLAGELEQLRARLEH HGA GQREP	IMSGGCKLG 0.065	90	. 97
N1 MD	GHVVEGLAGELEQLRARLEH HPQ GQREP	MISGCKIG 69		27
V2 MD	EGLAGELEQLRARLEHHPQGQREPLVQEVEDVDEGLVQDLHGVVAGLLDPVEKLLTDWFKKFKNVSKDCKMTFYLEMYDWSGGCKLG 30	WSGGCKLG 30		28
N3 M	ELEQLRARLEH HPQ GQREP	MMSGGCKLG 0.058	058	29

Fig. 5

SEQ ID No.: 37)

CATTCCTTGCGGCGGCGGTGCTCAACGGCCTCAACCTACTGGGCTGCTTCCTAATGCAGGAGTCGCATAAGGGAGAG CGTCGAGATCCCGGACACCATCGAATGGCGCAAAACCTTTCGCGGTATGGCATGATAGCGCCCGGAAGAGAGTCAATTCA GGGTGGTGAATGTGAAACCAGTAACGTTATACGATGTCGCAGAGTATGCCGGTGTCTCTTATCAGACCGTTTCCCGCGTG STGAACCAGGCCAGCTTTCTGCGAAAACGCGGGAAAAAGTGGAAGCGGCGATGGCGGAGCTGAATTACATTCCCAA GCTTCAACAGCGATCGGGTAAGCAATCAGCTTGCCGTTGTAACGTACGGCATCCCAGGTAAACGGATACAGCTTGTCCTG GAACGCTTTGTCCGGGGGTGATTTCAGCCAACAGGCCAGATTGAGCGTAGCCACCAAAGCGGTCGTGTGCCCAGAAGATAA ACCGGCGCCACAGGTGCGGTTGCTGGCGCCTATATCGCCGACATCACCGATGGGGAAGATCGGGCTCGCCACTTCGGGCT CCGCGTGGCACAACAACTGGCGGGCAAACAGTCGTTGCTGATTGGCGTTGCCACCTCCAGTCTGGCCCTGCACGCGCCCTG CGTCCATCCCTGAGCCGCTACCTCCTGAGCTCGAATTAGTCTGCGCGTCTTTCAGGGCTTCATCGACAGTCTGACGACCG CGTTACACCATAATTCACTTTGCTGGTGTGTGGTTGGACCATGCCCACGGGCCGTTGATGGTCATCGCTGTTTCGCCTT AGACCCGCTTTCGCGCCCAGCGTTATCCACGCCCACGTCTTTAATGTCGTACTTGCCGTTTTCATACTTGAACGCATAAACC CCCGTCAGCAGCAATCAGCGGCCAGGTGAAGTACGGTTCTTGCAGGTTGAACATCAGCGCGCTCTTACCTTTCGCTTTTCA GTTCTTTATCCAGCGCCGGGATCTCTTCCCAGGTTTTTGGCGGGTTCGGCAGCAGATCTTTGTTATAAATCAGCGATAAC TGTCAGGGCCATCGCCAGTTGCCGCAACCTGTGGGAATTTCTCTTTCCAGTTTATCCGGATGCTCAACGGTGACTTTAATT CCGGTATCTTTCTCGAATTTCTTACCGACTTCAGCGAGACCGTTATAGCCTTTATCGCCGTTAATCCAGATTACCAGTTT AATTCCCCTATAGTGAGTCGTATTAATTTCGCGGGATCGAGATCTCGATCCTCTACGCCGGACGCATCGTGGCCGGCATC SAGTGCGGCCGCAAGCTTTTAGTCGTCATGTCCATGATAGGTGTCGTCCCCGATATCAATGCTATTGTTAAAGCAGGTCT TACACATGTTATAGATCCTCAAATGCTTGTTCTTCACCTTCCAGTTCCGGGGAGCCACCTTGCATTTCACACAAGGGTCC ATGCTACCTCGGGGTACCAAGAATTCGTGATGATGGTGATGGTGACCGGATCCTGGTTCACGTTGACCTTGTGGGTGATG CTCCAGTCGTGCACGAAGTTGTTCAAGTTCCCCAGCCAGTCCTTCAACAACGTGTCCACCTCGCCAACCAGTGGTCTTCT CTGGGCGTTTTCCATTGTGGCGGCAATACGTGGATCTTTCGCCAACTCTTCCTCGTAAGACTTCAGCGCTACGGCACCCA ACCTTCTTCGATTCCCATGGTATATCTCCTTCTTAAAGTTAAACAAAATTATTCTAGAGGGGAATTGTTATCCGCTCAC ATCCGGATATAGTTCCTCCTTTCAGCAAAAACCCCTCAAGACCCGTTTAGAGGCCCCCAAGGGGTTATGCTAGTTATTGC ICAGCGGTGGCAGCAGCCAACTCAGCTTCCTTTCGGGCTTTGTTAGCAGCCGGATCTCAGTGGTGGTGGTGGTGGTGGTGGT CTGGCGGCGTTGATCACCGCAGTACGCACGGCATACCAGAAAGCGGACATCTGCGGGATGTTCGGCATGATTTCACCTTT

Fig. 6A

CGAGAAAGGAAGGGAAGCAAAGCGAAAGGAGCGGCCCTAGGGCCGCTGGCAAGTGTAGCGGTCACGCTGCGCGTAACCACC TTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGGTCATGAACAATAAAACTG TCTGCTTACATAAACAGTAATACAAGGGGTGTTATGAGCCATATTCAACGGGAAACGTCTTGCTCTAGGCCGCGATTAAA TICCAACATGGATGCTGATTTATATGGGTATAAATGGGCTCGCGATAATGTCGGGCAATCAGGTGCGACAATCTATCGAT <u> ACAAGTCTGGAAAGAAATGCATAAACTTTTGCCATTCTCACCGGATTCAGTCGTCACTCATGGTGATTTCTCACTTGATA</u> TGTATTTAGAAAAAAAAAAAAAATAGGGGTTCCGCGCACATTTCCCCGAAAAGTGCCACCTGAAATTGTAAACGTAATAT TTTGTTAAAATTCGCGTTAAATTTTGTTAAATCAGCTCATTTTTTAACCAATAGGCCGAAATCGGCAAAATCCCCTTATA <u> SAGGTGCCGTAAAGCACTAAATCGGAACCCTAAAGGGAGCCCCCGATTTAGAGCTTGACGGGGAAAGCCGGGGAACGTGG</u> SCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCCCGTTCAGCCC GACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCAC TGGTAACAGGATTAGCAGAGGGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACACTA SAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAAGAGTTGGTAGCTCTTGATCCGGCAAA IGTATGGGAAGCCCGATGCGCCAGAGTTGTTTCTGAAACATGGCAAAGGTAGCGTTGCCAATGATGTTACAGATGAAGATG STCAGACTAAACTGGCTGACGGAATTTATGCCTCTTCCGACCATCAAGCATTTTATCCGTACTCCTGATGATGCTGCTGGTT actcaccactgcgatccccgggaaaacagcattccaggtattagaagaatatcctgattcaggtgaaaatattgttgatg CGCTGGCAGTGTTCCTGCGCCGGTTGCATTCGATTCCTGTTTGTAATTGTCCTTTTAACAGCGATCGCGTATTTCGTCTC accttatttttgacgaggggaaattaataggttgtattgatgttgtgcgagtcggaatcgcagaccgataccaggatt GCCATCCTATGGAACTGCCTCGGTGAGTTTTCTCCTTCATTACAGAAACGGCTTTTTCAAAAAAATATGGTATTGATAATCC <u> AATCAAAAGAATAGACCGAGATAGGGTTGAGTGTTGTTCCAGTTTGGAACAAGAGTCCACTATTAAAGAACGTGGACTCC</u> <u>AACGTCAAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCCACTACGTGAACCATCACCCTAATCAAGTTTTTGGGGTC</u> ACACCCGCCGCGTTAATGCGCCGCTACAGGGCGCGTCCCATTCGCCA

Fig. 6A (continued)

(SEQ ID No.:38)

TMENA QKGE IMPNI P QMSAFWYAVRTAVINAASGR QTV DEALKDA QTNSSSGGSGSGMDEKTTGWRGGHVVEGLAGELE Q TPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWP VNYGVTVLPTFKGQPSKPFVGVLSAGINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAA LIAADGGYAFKYENGKYDIKDVGVDNAGAKAGLTFLVDLIKNKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK MGIEEGKLVIWINGDKGYNGLAEVGKKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWAHDRFGGYAQSGLLAEI LRARLEHHPQGQREPGSGHHHHHHEFLVPRGSMDPCVKCKVAPRNWKVKNKHLRIYNMCKTCFNNSIDIGDDTYHGHDD

Fig. 6B

(SEQ ID No.:39)

C C

MDPCVKCKVAPRNWKVKNKHLRIYNMCKTCFNNSIDIGDDTYHGHDD

Fig. 6C

<u>M</u>DEKTTGWRGGHV<u>V</u>EG<u>LAGELEQLRARLEHHPQGQREP</u>

Fig. 7A

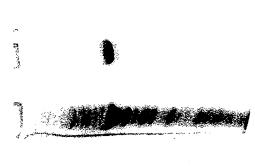
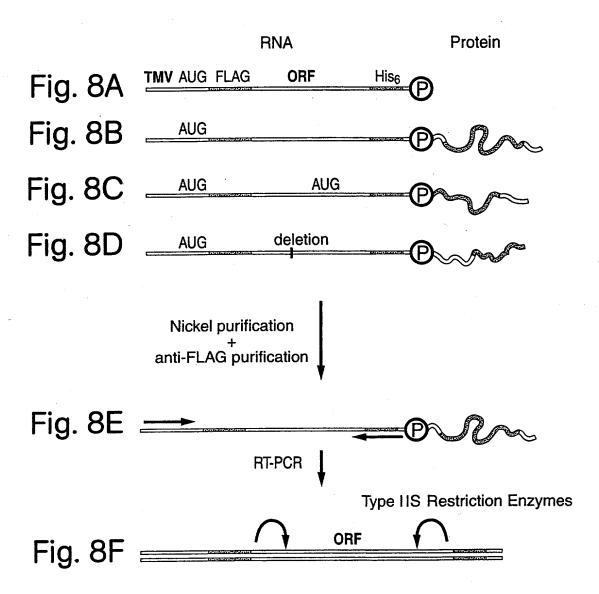


Fig. 7B



(SEQ ID No.:40)

ATTGTTATCCGCTCACAATTCCCCTATAGTGAGTCGTATTAATTTCGCGGGATCGAGATCTCGATCTTTTCGCGGACG CATCGTGGCCGGCATCACCGGCGCCACAGGTGCGGTTGCTGGCGCCTATATCGCCGACATCACCGATGGGGAAGATCGGG GTCGCATAAGGGAGAGCGTCGAGATCCCGGACACCATCGAATGGCGCAAAACCTTTCGCGGTATGGCATGATAGCGCCCG SAAGAGAGTCAATTCAGGGTGGTGAATGTGAAACCAGTAACGTTATACGATGTCGCAGAGTATGCCGGTGTCTTATCA GACCGTTTCCCGCGTGGTGAACCAGGCCAGCTTTCTGCGAAAACGCGGGAAAAAGTGGAAGCGGCGATGGCGGAGC TGAATTACATTCCCAACCGCGTGGCACAACAACTGGCGGGCAAACAGTCGTTGCTGATTGGCGTTGCCACCTCCAGTCTG SCCCTGCACGCGCCGTCGCAAATTGTCGCGGCGATTAAATCTCGCGCCGATCAACTGGGTGCCAGCGTGGTGGTGTCGAT GTCAACCAGGAAGGTCAGACCCGCTTTCGCGCCAGCGTTATCCACGCCCACGTCTTTAATGTCGTACTTGCCGTTTTCAT <u> ACTTGAACGCATAACCCCCGTCAGCAGCAATCAGCGGCCAGGTGAAGTACGGTTCTTGCAGGTTGAACATCAGCGCGCTC</u> **ATAAATCAGCGATAACGCTTCAACAGCGATCGGGTAAGCAATCAGCTTGCCGTTGTAACGTACGCATCCCAGGTAAACG** SATACAGCTTGTCCTGGAACGCTTTGTCCGGGGTGATTTCAGCCAACAGGCCAGATTGAGCGTAGCCACCAAAAGCGGTCG TGTGCCCAGAAGATAATGTCAGGGCCATCGCCAGTTGCCGCAACCTGTGGGAATTTCTCTTTCCAGTTTATCCGGATGCTC AACGGTGACTTTAATTCCGGTATCTTTCTCGAATTTCTTACCGACTTCAGCGAGACCGTTATAGCCTTTATCGCCGTTAA **ICCAGATTACCAGTTTACCTTCTTCGATTcccatggTATATCTCCTTCTTAAAGTTAAACAAAATTATTTCTAGAGGGGA** CTCGCCACTTCGGGCTCATGAGCGCTTGTTTCGGCGTGGGTATGGTGGCAGGCCCCGTGGCCGGGGGACTGTTGGGCGCC 3GTAGAACGAAGCGGCGTCGAAGCCTGTAAAGCGGGGGGGTGCAATCTTCTCGCGCAACGCGTCAGTGGGCTGATCATTA CAACCAGTGGTCTTCTCGTCCATCCCTGAGCCGCTACCTCCTGAGCTCGAATTAGTCTGCGCGTCTTTCAGGGCTTCATC SCATGATTTCACCTTTCTGGGCGTTTTCCATtGTGGCGGCAATACGTGGATCTTTCGCCAACTCTTCCTCGTAAGACTTTC TGAAGGTCGGCAGTACCGTTACACCATAATTCACTTTGCTGGTGTCGATGTTGGACCATGCCCACGGGCCGTTGATGGTC ATCCGGATATAGTTCCTCCTTTCAGCAAAAACCCCTCAAGACCCGTTTAGAGGCCCCAAGGGGTTATGCTAGTTATTGC TCAGCGGTGGCAGCAGCCAACTCAGCTTCCTTTCGGGCTTTGTTAGCAGCCGGATCTCAGTGGTGGTGGTGGTGGTGGTGGTTGTTC SAGTGCGGCCGCAAGCTTCAGCTGCGAAGCTTATTAGAATTCGTGATGATGGTGATGGTGACCGGATCCTGGTTCACGTT ITACCITITCGCTITCAGITCITIAICCAGCGCCGGGAICICITICCCAGGITITIGGCGGGTICGGCAGCAGAICITIGIT

Fig. 9A

CAGCGCTCTGGGTCATTTTCGGCGAGGACCGCTTTCGCTGGAGCGCGACGATGATCGGCCTGTCGCTTTGCGGTATTCGGA ATCTTGCACGCCCTCGCTCAAGCCTTCGTCACTGGTCCCGCCACCAAACGTTTCGGCGAGAAGCAGGCCATTATCGCCGG AGCAGAATGAATCACCGATACGCGAGCGAACGTGAAGCGACTGCTGCTGCAAAACGTCTGCGACCTGAGCAACAACATGA ATGGTCTTCGGTTTTCCGTGTTTCGTAAAGTCTGGAAACGCGGAAGTCAGCGCCCTGCACCATTATGTTCCGGATCTGCAT CGCAGGATGCTGCTGGCTACCCTGTGGAACACCTACATCTGTATTAACGAAGCGCTGGCATTGACCTGAGTGATTTTTC TCTGGTCCCGCCGCATCCATACCGCCAGTTGTTTACCCTCACAACGTTCCAGTAACCGGGCATGTTCATCATCAGTAACC CGTATCGTGAGCATCCTCTCTCGTTTCATCGGTATCATTACCCCCATGAACAGAAATCCCCCTTACACGGAGGCATCAGT GACCAAACAGGAAAAACCGCCCTTAACATGGCCCGCTTTATCAGAAGCCAGACATTAACGCTTCTGGAGAAACTCAACG AGCTGGACGCGGATGAACAGGCAGACATCTGTGAATCGCTTCACGACCACGCTGATGAGCTTTACCGCAGCTGCCTCGCG CGTTTCGGTGATGACGGTGAAAACCTCTGACACATGCAGCTCCCGGAGACGGTCACAGCTTGTCTGTAAGCGGATGCCGG GAGCAGACAAGCCCGTCAGGGCGCGTCAGCGGGTGTTGGCGGGTGTCGGGGCGCACCATGACCCAGTCACGTAGCGATA GCGGAGTGTATACTGGCTTAACTATGCGGCATCAGAGCAGATTGTACTGAGAGTGCACCATATATGCGGTGTGAAATACC GCACAGATGCGTAAGGAGAAAATACCGCATCAGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTC GGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGGTTAACGCAGGAAAGAAC ATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCC TGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCC CTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTCTCCCTTCGGGAAGC ACCCCCCGTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGC CCGGTGGGCGCGGGGCATGACTATCGTCGCCGCACTTATGACTGTCTTTTTTTCATGCAACTCGTAGGACAGGTGCCGG CATGGCGGCCCCACGGGTGCGCATGATCGTGCTCCTGTCGTTGAGGACCCGGCTAGGCTGGCGGGGTTGCCTTACTGGTT GACCAGACACCCATCAACAGTATTATTTTCTCCCATGAAGACGGTACGCGACTGGGCGTGGAGCATCTGGTCGCATTGGG ATGCTGAATGAGGGCATCGTTCCCACTGCGATGCTGGTTGCCAACGATCAGATGGCGCTGGGCCCAATGCGCCCATTAC CGTTAACCACCATCAAACAGGATTTTCGCCTGCTGGGGCAAACCAGCGTGGACCGCTTGCTGCAACTCTCTCAGGGCCAG GCGGTGAAGGGCAATCAGCTGTTGCCCGTCTCACTGGTGAAAAGAAAAACCACCCTGGCGCCCAATACGCAAAACCGCCTC TCCCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACGACAGGTTTCCCGACTGGAAAGCGGGCAGTGAGCGCCAACGCA ATTAATGTAAGTTAGCTCACTCATTAGGCACCGGGATCTCGACCGATGCCCTTGAGAGCCTTCAACCCAGTCAGCTCCTT TCACTCGCAATCAAATTCAGCCGATAGCGGAACGGGAAGGCGACTGGAGTGCCATGTCCGGTTTTCAACAAACCATGCAA CGAGTCCGGGCTGCGCGTTGGTGCGGATATCTCGGTAGTGGGATACGACGATACCGAAGACAGCTCATGTTATATCCCGC

Fig. 9A (continued)

CAAGTTTTTGGGGTCGAGGTGCCGTAAAGCACTAAATCGGAACCCTAAAGGGAGCCCCCGATTTAGAGCTTGACGGGGA AAGCCGGCGAACGTGGCGAGAAAGGAAGGGAAGAAAGCGAAGGAGCGGGCGCTTAGGGCCTGGCAAGTGTAGCGGTCAC **GGCAAAATCCCTTATAAATCAAAAGAATAGACCGAGATAGGGTTGAGTGTTGTTCCAGTTTGGAACAAGAGTCCACTATT** aaagaacgtggactccaacgtcaaagggggaaaaaccgtctatcagggggatggcccactacgtgaaccatcacctaat GATTICICACTIGATAACCTTATTTTGACGAGGGAAATTAATAGGTTGTATTGATGTTGGACGAGTCGGAATCGCAGA CGGATACATATTTGAATGTATTTAGAAAAATAACAAATAGGGGTTCCGCGCACATTTCCCCGGAAAAGTGCCACCTGAAA TTGTAAACGTTAATATTTTGTTAAAATTCGCGTTAAATTTTTGTTAAATCAGCTCATTTTTAACCAATAGGCCGAAATC ATGGCTGGCCTGTTGAACAAGTCTGGAAAGAAATGCATAAACTTTTGCCATTCTCACCGGATTCAGTCGTCACTATGGT CCGATACCAGGATCTTGCCATCCTATGGAACTGCCTCGGTGAGTTTTCTCCTTCATTACAGAAACGGCTTTTTCAAAAT AACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAAGAGTTGGTAG CTAGGCCGCGATTAAATTCCAACATGGATGCTGATTTATATGGGTATAAATGGGCTCGCGATAATGTCGGGCAATCAGGT GCGACAATCTATCGATTGTATGGGAAGCCCGATGCGCCAGAGTTGTTTCTGAAACATGGCAAAGGTAGCGTTGCCAATGA IGTTACAGATGAGATGGTCAGACTAAACTGGCTGACGGAATTTATGCCTCTTCCGACCATCAAGCATTTTATCCGTACTC CTGATGATGCATGGTTACTCACCACTGCGATCCCCGGGAAAACAGCATTCCAGGTATTAGAAGAATATCCTGATTCAGGT SAAAATATTGTTGATGCGCTGGCAGTGTTCCTGCGCCGGTTGCATTCGATTCCTGTTTGTAATTGTCCTTTTAACAGCGA GATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGGTC ATGAACAATAAAACTGTCTGCTTACATAAACAGTAATACAAGGGGTGTTATGAGCCATATTCAACGGGAAACGTCTTGCT CACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCGT SCTGCGCGTAACCACCACACCGCGCGCTTAATGCGCCGCTACAGGGCGCGCGTCCCATTCGCCA

Fig. 9A (continued)

(SEQ ID No.:41)

VNYGVTVLPTFKGQPSKPFVGVLSAGINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAA TMENAQKGEIMPNIPQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSGGSGSGSGMDEKTTGWRGGHVVEGLAGELEQ TPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWP LIAADGGYAFKYENGKYDIKDVGVDNAGAKAGLTFLVDLIKNKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK MGIEEGKLVIWINGDKGYNGLAEVGKKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWAHDRFGGYAQSGLLAEI LRARLEHHPQGQREPGSGHHHHHHEF

Fig. 9B

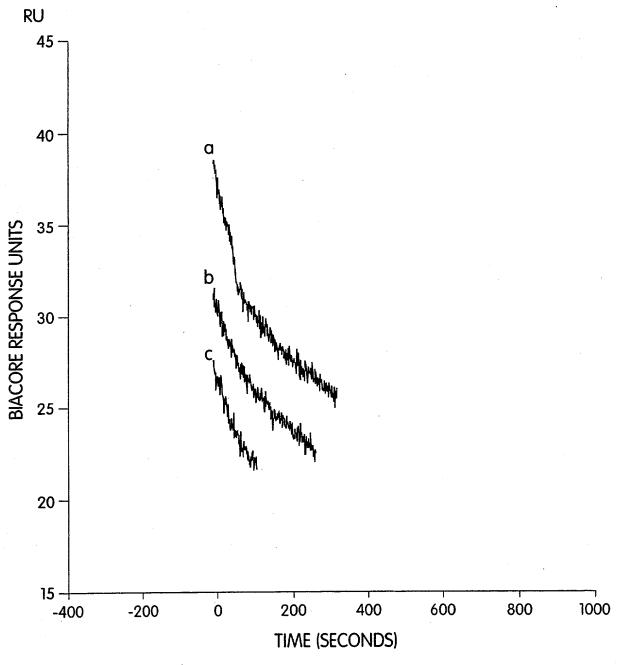


Fig. 10A

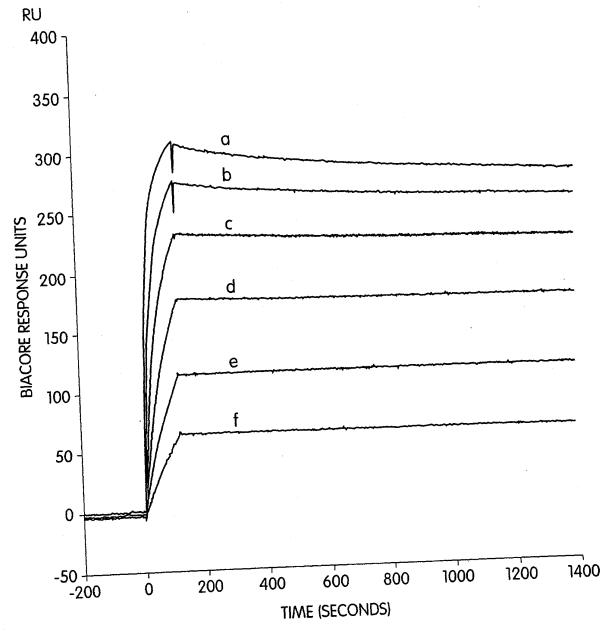


Fig. 10B

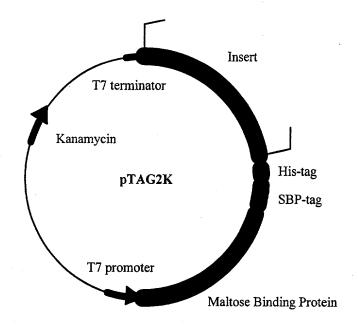
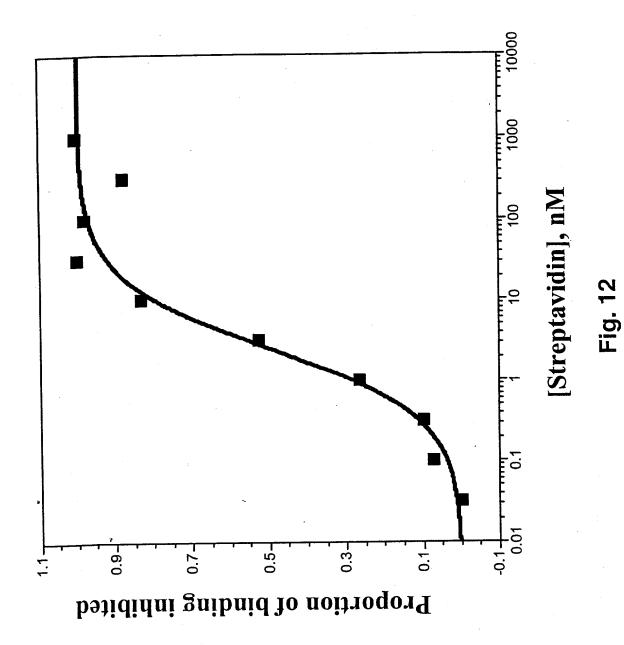


Fig. 11



Uninduced

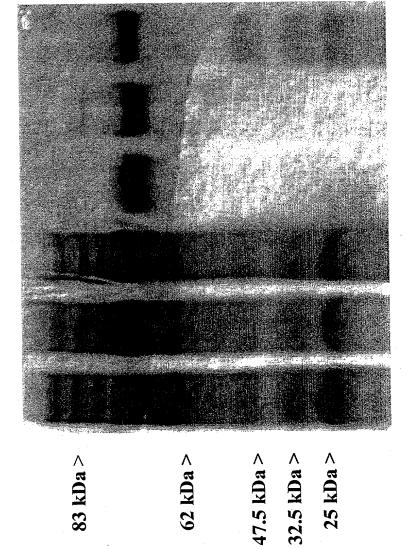
Maltose Elution

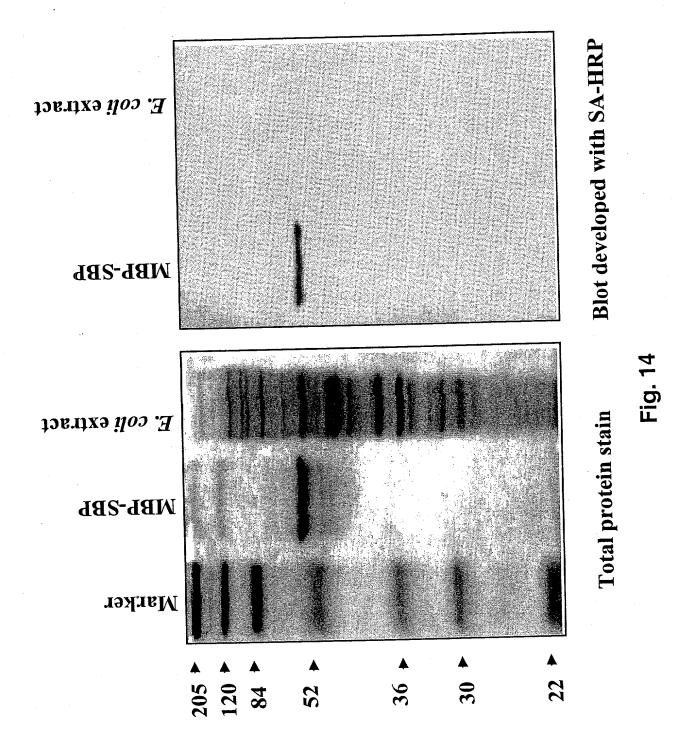
Imidazole Elution

Biotin Elution

Soluble Fraction

Induced





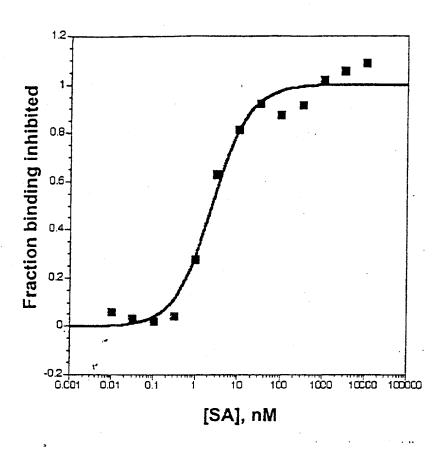


Fig. 15